MASS MEDIA BUREAU
BROADBAND LICENSING SYSTEM (BLS)
ENGINEERING DATABASE DOWNLOAD DOCUMENTATION
v. 2000.07.02

Database Export File Structure and Documentation

This document provides download instructions and information on the tables which are exported from the Mass Media Bureau's Broadband Licensing System (BLS) and published on the web by the Mass Media Bureau. Documents provided include:

- BLS Tables available for download
- BLS Data Dictionary.

Notes on use of Tables

1. BLS is a relational database. The field "id_app_num" is the primary key, which associates data elements from the various tables associated with a particular application.

2. The personal_info table contains entries for individual companies, firms and persons associated with an application/station. Each entry contains the mailing address, phone number, fax, e-mail address, etc. The entries are identified by a system-generated number: "lic-code". The pointers to this table identify the relationship (licensee, attorney, etc.) between the facility or application and the entries in the table. For example, the app_code column in the app_main table identifies the applicant by pointing to the appropriate lic_code in the personal_info table.

3. Engineering data is associated with applications, not the facility. The "flag_current" is used to determine which set of engineering data is "current" for a particular facility.

*****Any permit or modification application containing a **P**, **M**, or **C** in its flag_current field must receive interference protection consideration.

P indicates that the application is pending.

M indicates that the application is granted but no certification application against that application has been granted.

C indicates that the application has been granted and a certification application for that application has been granted.

Only permits or modification applications will have a **P**, **M**, or **C** in its flag_current field. Other application types will not contain a flag_current. Flag_current can change based on the following actions:

A **P** is replaced by an **M** if the permit or modification application is granted, but is replaced by an **A** (archived and inactive) if the application is dismissed, denied, or returned.

An **M** is replaced by a **C** in the permit or modification application if the certification application is granted, but is replaced with an **A** if a subsequent modification application is granted or if the application is dismissed, denied, or returned.

A **C** is replaced by an **A** if a subsequent modification application is granted and certified.

A facility should have no more than one application with an **M** in its flag_current field and no more than one application with a **C** in its flag_current field. If there is no application for a facility with either a flag_current of **C** or **M**, the application with a flag_current of **P** (pending construction permit) has the current engineering data. If an **A** is found in the flag_current field for a permit or modification application, that application is considered to be inactive and no interference considerations are required.

Questions concerning BLS data should be addressed to:

Thomas B. Wilchek	twilchek@fcc.gov	BLS documentation, file structure, and using the data
Sharon Bertelsen	sbertels@fcc.gov	MDS content
Melvin Collins	mcollins@fcc.gov	ITFS content

The data in BLS is based on information that is currently available. Any database inconsistencies should be brought to our attention by filing a letter with the Secretary of the Commission, captioned "BLS database correction request." The request should include the submitter's name and organization, name of licensee or applicant whose data is to be corrected, file number, and an explanation or the correction. Copies of the documentation necessary to substantiate the request should be included.

The software and data made available through the Broadband Licensing System is provided by the Commission as a public service. The Commission makes no warranty with respect to the software or data. Persons making use of the data or software assume all risk for its performance or accuracy.

Download Instructions

To download the BLS tables, the following parameters are assumed:

- Windows 98
- Microsoft Access 97 or higher
- Internet Explorer 5.5 or higher

1. On the www.fcc.gov/mmb web site, scroll down to the **Other Functions** header and click on the **Databases** link.
2. Click on the **BLS** directory.
3. Click on the **BLS.zip** file to display the File Download screen, Figure 1.
4. Click on the **Save this file to disk** radio button.
5. Click **OK**.

Figure 1—File Download Screen

6. Navigate to the correct folder and click **Save**, Figure 2.

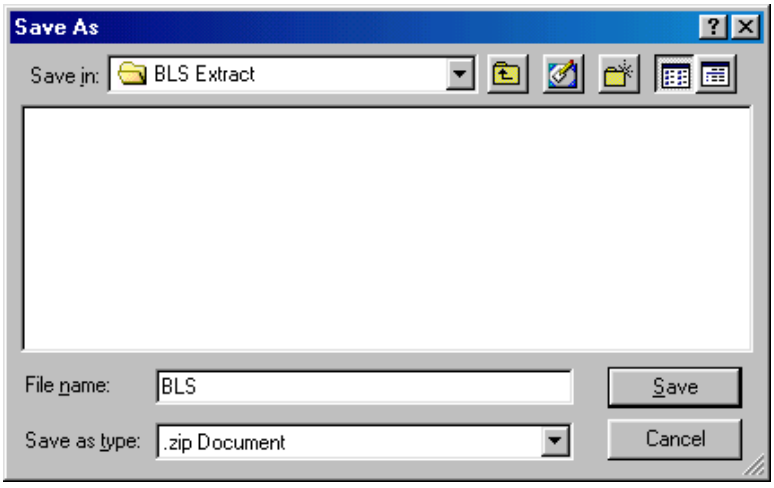

Figure 2—Save As Screen

7. When the download is complete, click **Close**, Figure 3.

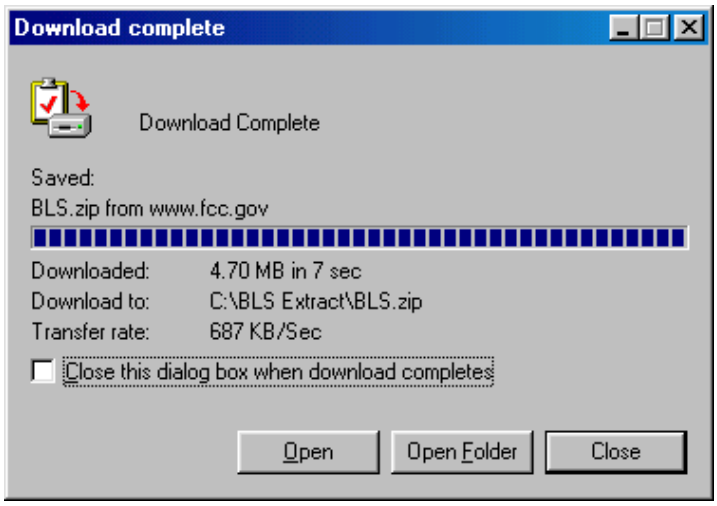

Figure 3—Download Complete Screen

8. From Windows Explorer, double-click on the zip file to extract its contents.

9. Close the extract window when it displays **Finished** on the upper left side, indicating that the process is complete, Figure 4.

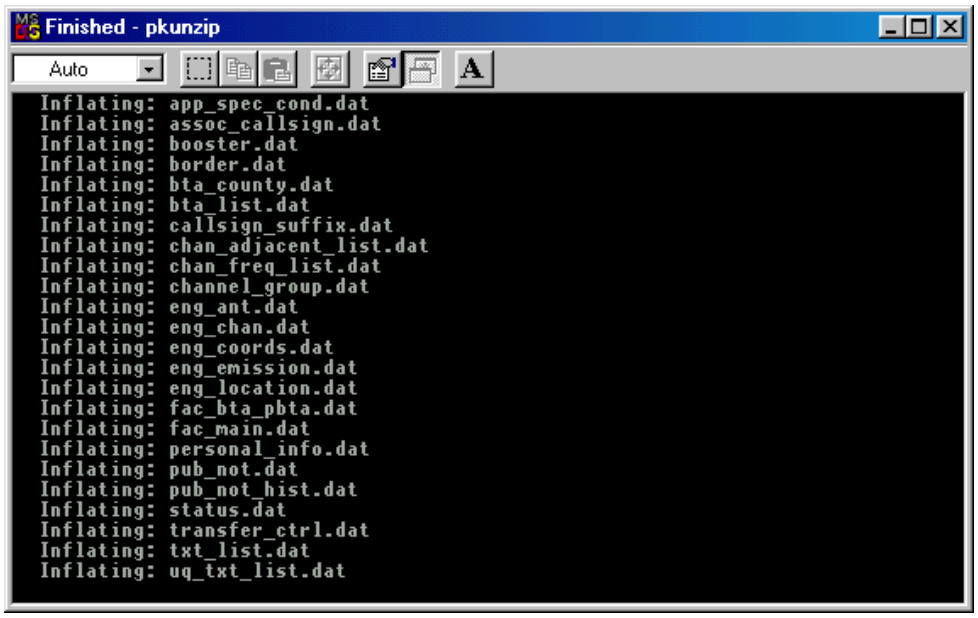

Figure 4—Zip File Extract

10. Open Microsoft Access and click the **Blank Database** radio button to create a new database. Click **OK**.

11. Navigate to the correct folder to save the database and name the database in the File name text field, Figure 5. Click **Create**.

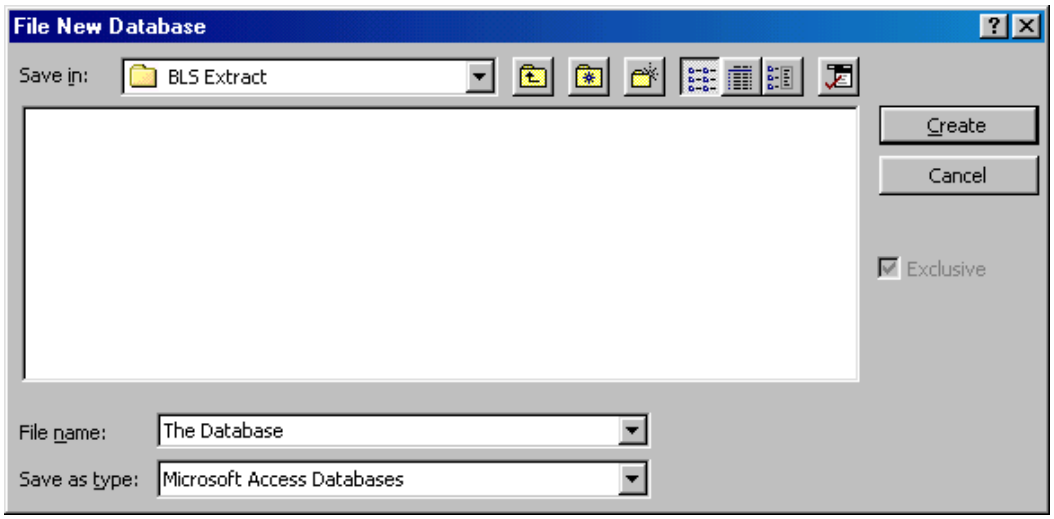

Figure 5—File New Database Screen

12. Under the main menu, select **File|Get External Data|Import** to display the Import screen, Figure 6.

13. Select **Text Files** from the Files of Type drop-down list and key in ***.dat** in the File Name text field, Figure 6. Click **Import**.

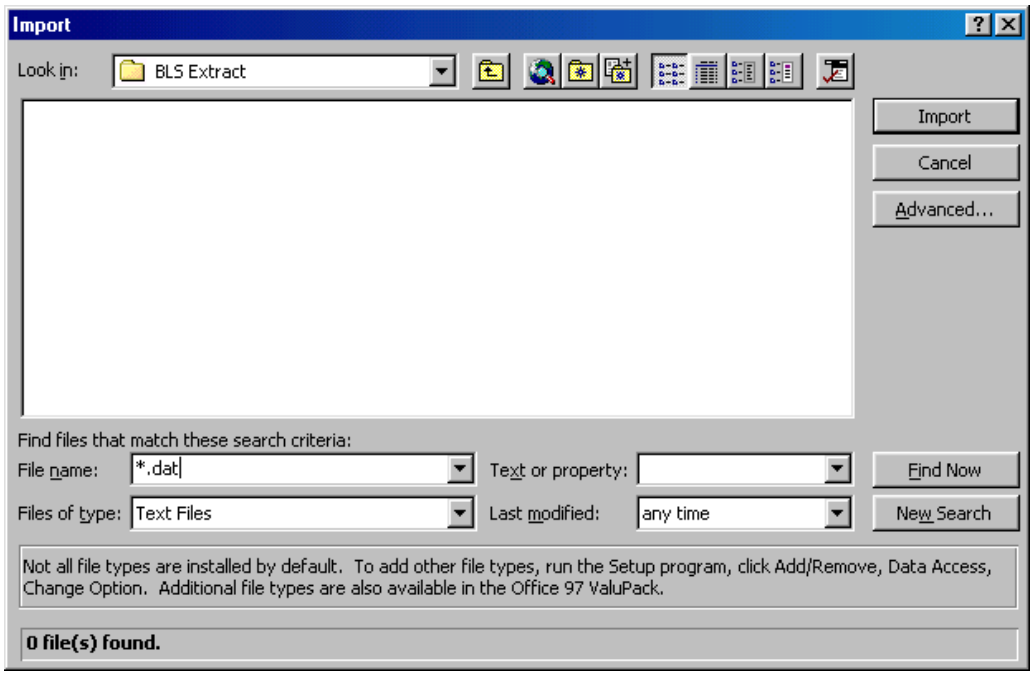

Figure 6—Import Screen

14. The Import Text Wizard screen is displayed, Figure 7. Select the **Delimited** radio button to establish a field delimiter. Click **Advanced**.

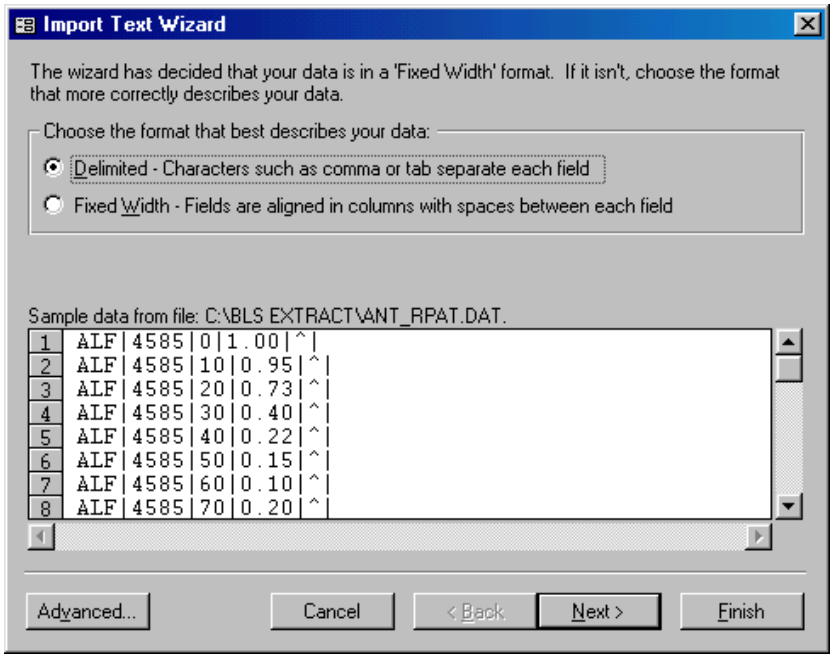

Figure 7—Import Text Wizard Screen

15. The Import Specification screen is displayed, Figure 8. Key in the pipesign (|) in the Field Delimiter text field and click **OK**.

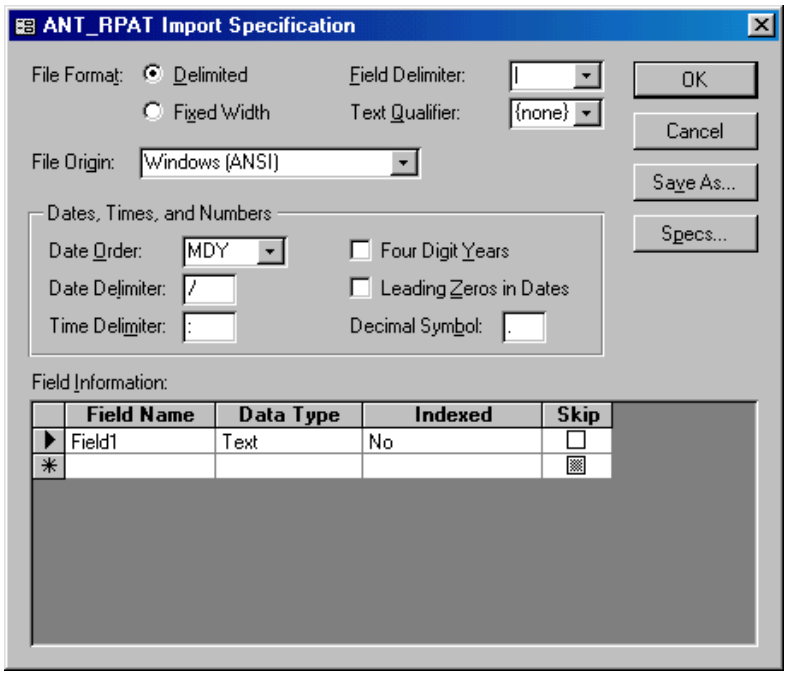

Figure 8—Import Specification Screen

16. Click **Advanced** from the Import Text Wizard screen and the Import Specification screen is displayed, Figure 9. Skip the last two fields by checking their corresponding boxes.

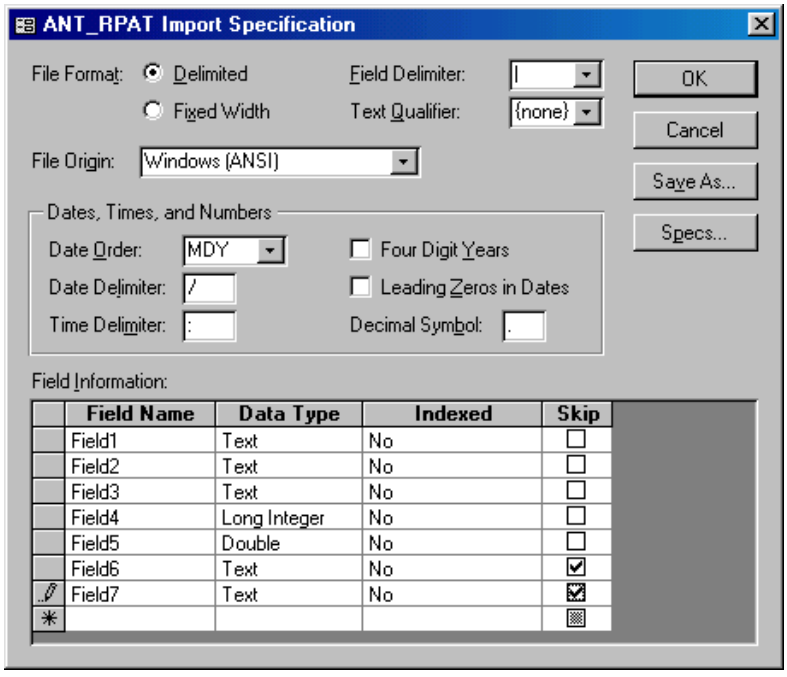

Figure 9—Import Specification Screen

17. You may want to save your specifications for future imports since the database is updated on a daily basis. Click **Save as** to display the Save Import/Export Specification screen, Figure 10. Click **OK**.

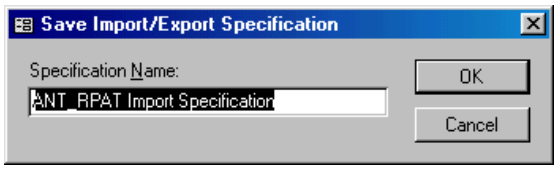

Figure 10—Save Import/Export Specification Screen

18. Click **OK** on the Import Specification screen. Then click **Next** on the Import Text Wizard screen to initiate the format specifications, Figure 11.

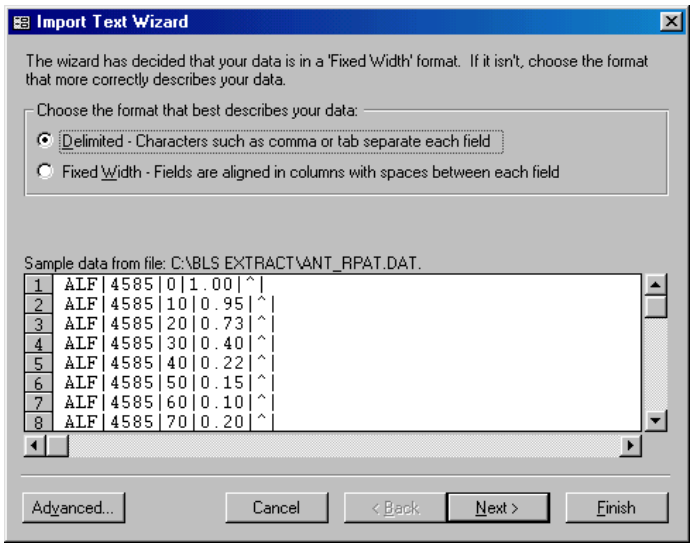

Figure 11—Import Text Wizard Screen

19. The pipesign delimiter is already specified, Figure 12. Click **Next**.

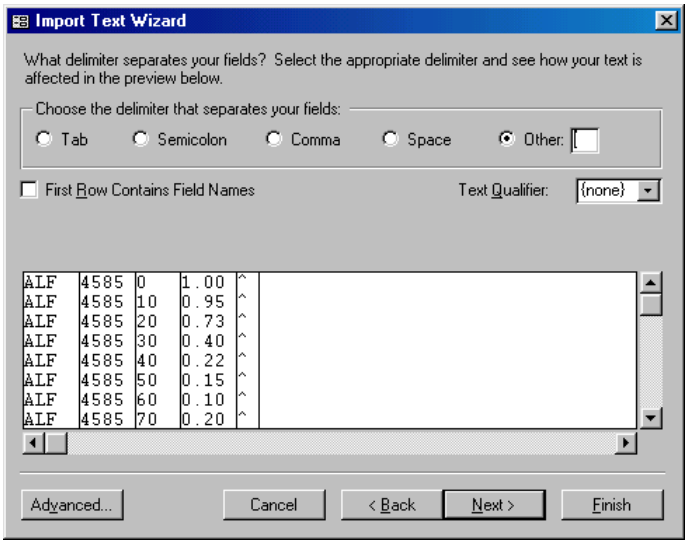

Figure 12—Import Text Wizard Screen

20. Click the **In a New Table** radio button to specify that the data is to be stored in a new table, Figure 13. Click **Next**.

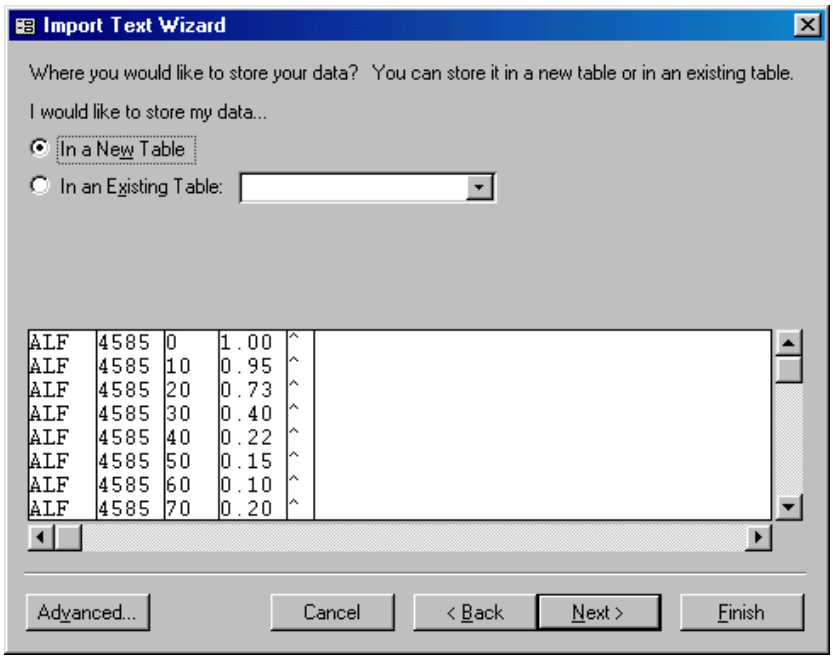

Figure 13—Import Text Wizard Screen

21. If you want to rename the fields, refer to the MDS Data Dictionary Amended Table List for table name/field name specifications. Otherwise, leave **Field1** in the Field Name text box and click **Next**, Figure 14.

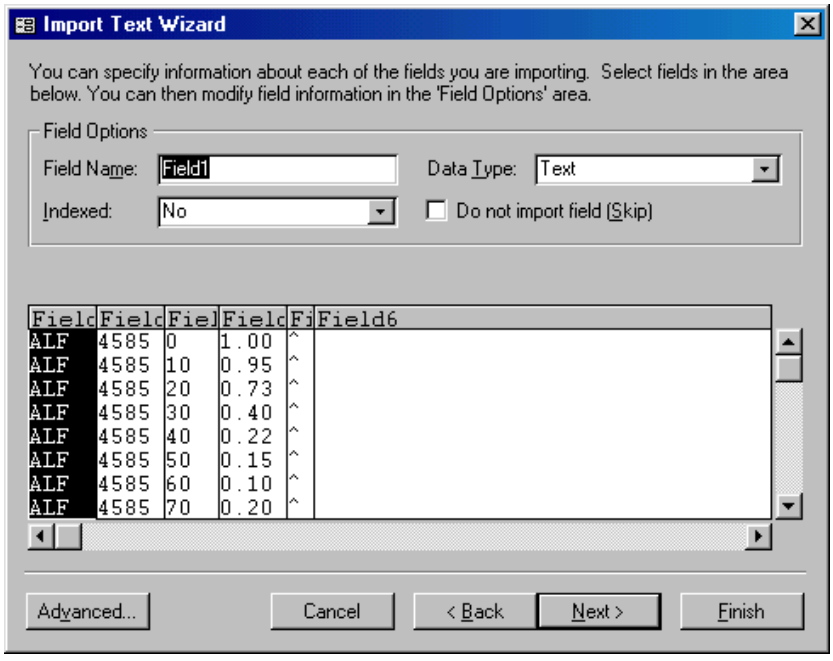

Figure 14—Import Text Wizard Screen

22. Click the **Let Access add Primary Key** radio button and click **Next**, Figure 15.

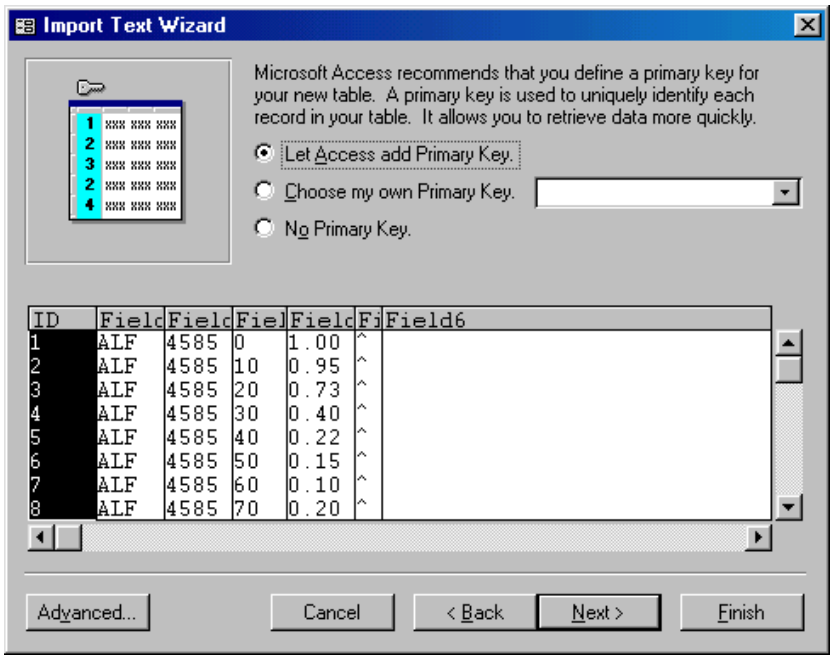

Figure 15—Import Text Wizard Screen

23. Click **Finish** to import your data, Figure 16.

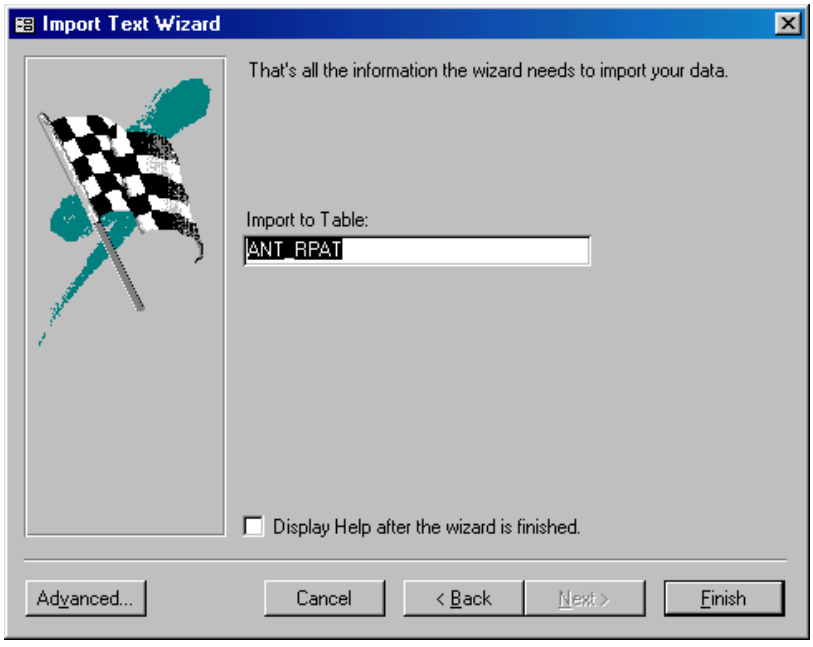

Figure 16—Import Text Wizard Screen

24. Double-click the database or select the database and click **Open** to display the table, Figure 17.

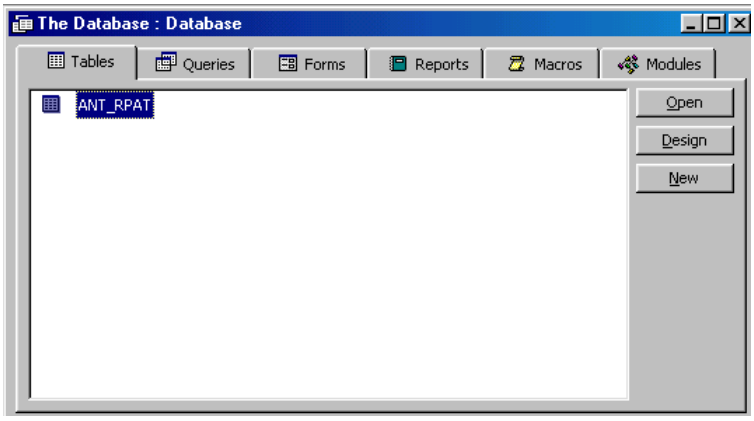

Figure 17—Database Table Screen

25. The database table is displayed, Figure 18.

ANT_RPAT : Table

ID	Field1	Field2	Field3	Field4	Field5
1	AND	49001A(H)	C	0	-8.4
2	AND	49001A(H)	C	2	-8.4
3	AND	49001A(H)	C	4	-8.4
4	AND	49001A(H)	C	6	-8.4
5	AND	49001A(H)	C	8	-8.4
6	AND	49001A(H)	C	10	-8.4
7	AND	49001A(H)	C	12	-8.4
8	AND	49001A(H)	C	14	-8.4
9	AND	49001A(H)	C	16	-8.4
10	AND	49001A(H)	C	18	-8.4
11	AND	49001A(H)	C	20	-8.4
12	AND	49001A(H)	C	22	-8.4
13	AND	49001A(H)	C	24	-8.4
14	AND	49001A(H)	C	26	-8.4
15	AND	49001A(H)	C	28	-8.4
16	AND	49001A(H)	C	30	-8.4
17	AND	49001A(H)	C	32	-8.4
18	AND	49001A(H)	C	34	-8.4
19	AND	49001A(H)	C	36	-8.4
20	AND	49001A(H)	C	38	-8.4
21	AND	49001A(H)	C	40	-8.4
22	AND	49001A(H)	C	42	-8.4

Record: 1 of 16744

Figure 18—The Database Table